



# A PRESENTATION ON

# SAFETY AT TRAFFIC FLOW&ROAD

## Approach Towards Present And Forthcoming Challenges

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# OUTLINE

- INTRODUCTION
- SELECTED LOCATION
- REASON FOR SELECTION
- CAUSES OF ACCIDENTS
- PROBLEMS
- SOLUTION
- ROAD SAFETY MEASURES



# INTRODUCTION

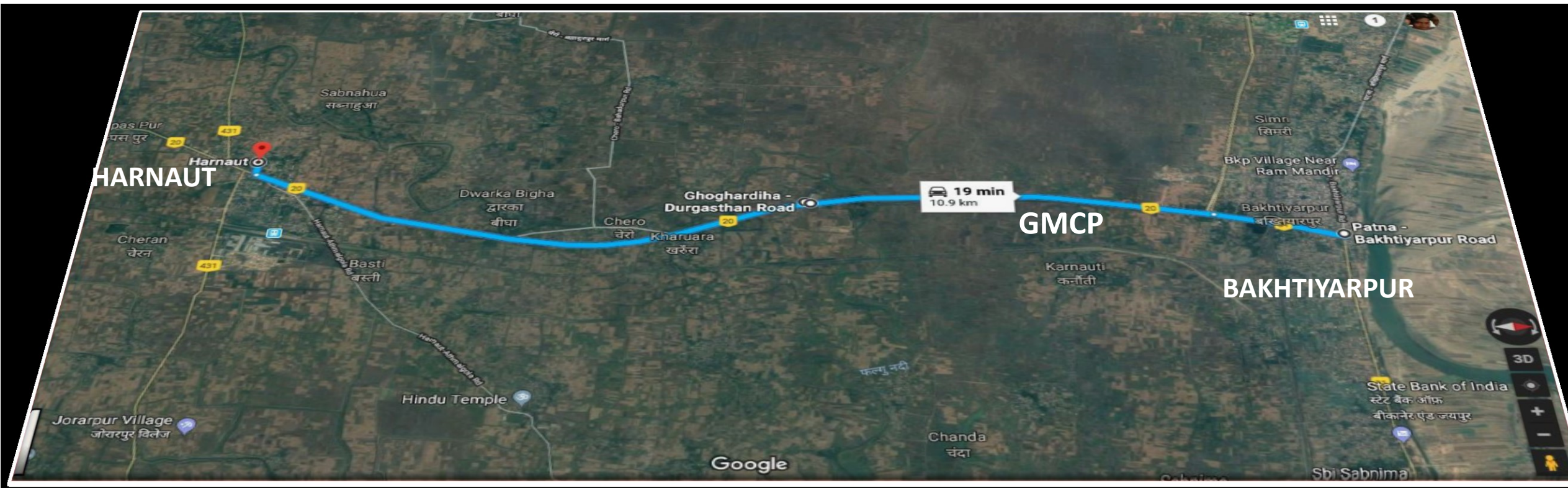
- Road injury is one of those man-made problems that we have the ability to solve,
- Driving in Indian roads is much more different than different place,
- Safe road transport must be a key foundation stone of modern society,
- Daily, there are thousands of casualties all over India,
- Many governments committee work on the road safety,

# Road Traffic Deaths

- 46% accident causes by Pedestrian, cyclists and motorized two-wheelers riders and passengers
- 48% accident causes by Car, passenger bus and heavy vehicles
- 6% accident causes by other problems




# Selected Location



# REASON FOR SELECTION

- Transportation of goods to the city and from the city to some other places
- Work based trips
- Recreational purposes
- School and college buses
- Mix traffic without traffic separator
- No Guardrails
- Previous Accident record
- It is connected to to major city Bakhtiyarpur and Harnaut





# IMPROPER MANAGEMENT OF SPEED BREAKER

An aerial photograph of a road with a white car. The road is a two-lane asphalt road with a dashed white line down the center. The car is a white sedan, positioned in the right lane. The surrounding area is a mix of green grass and some trees. The image is slightly blurry, suggesting it might be a still from a video. In the top left corner, there is a white rectangular box with the text "IMPROPER JERK" in red, all-caps font.

## LACK OF SUPERVISION

- In this road **trees** are present in both side, that is main obstacle of driver at turn
- That trees stop the **correctly view** of driver at turn,
- Whereby ,**stopping sight distance** is less

## Stand near sides of road

- Heavy vehicle stand at sides of road is also a causes of accident **because, in this road shoulder is not provided correctly,**
- Any person suddenly enter the road into stop vehicle that is stand on sides of road,

## OTHER MAJOR CAUSES

- **Road density** of road is very high particularly at office time,
- **Radium light** is not provided at any sides of the road and centre of the road,
- **Road marking** is also not provided at sides of the road and centre of the road,
- **Road width** is not fulfil the highway requirement according to IRC,
- **Shoulder** is not provided at sides of the road to safely stand or passing more vehicle during .

# CAUSES OF ROAD ACCIDENT

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graph TD; A[CAUSES OF ACCIDENT] --> B[ROAD DEFECTS]; A --> C[VEHICLE DEFECTS]; A --> D[DRIVERS BEHAVIOR]; A --> E[PEDESTRAIN ERROR]; D --> F[ENVIRONMENTAL FACTORS]
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**ROAD DEFECTS**

**VEHICLE DEFECTS**

**ENVIRONMENTAL FACTORS**

**DRIVERS BEHAVIOR**

**PEDESTRAIN ERROR**



# ROAD DEFECTS

- TRAFFIC RADIUM LIGHT,
- LOCAL PEDESTRAIN,
- GUARD RAILS,  
( ANIMALS ARE SUDDENLY ENTER THE ROAD)
- TRAFFIC SEPERATOR,
- INTERMIXING OF TRAFFIC,
- LACK OF TRAFFIC REGULATION

# VEHICLE DEFECTS

- Break efficiency of vehicle is less, it's a major defects,
- Vehicle light is not more powerful,
- Vehicle is more older,
- In vehicle tyre no more grips are available,

## DRIVER'S BEHAVIOR

- Driver eye view is not very good,
- **PEAV** time of the driver is not more,
- Driver is driving the van in drinking,
- Some Driver not understand the traffic regulation and signs,



# SOLUTIONS

- Setting up of state road safety councils and district committees
- 50% fines collected from traffic violations
- Action against over- loading, drunken driving
- Use of seat belts and helmets
- Emergency medical services
- Provide guardrails
- And accurate shoulders

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